

Applicant : Ross, et al.  
Serial No. : 10/066,319  
Filed : February 1, 2002  
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Attorney's Docket No.: 11203-007001 / 2207

REMARKS

Applicants hereby submit that the enclosures fulfill the requirements under 37 C.F.R. §1.821-1.825. The amendments in the specification merely insert the paper copy of the Sequence Listing and sequence identifiers in the specification. No new matter has been added.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment.

Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 11203-007001.

Respectfully submitted,

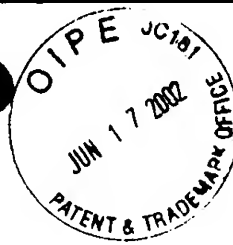
Date:

June 12, 2002

Gregory P. Einhorn  
Reg. No. 38,440

44,830

Fish & Richardson P.C.  
4350 La Jolla Village Drive, Suite 500  
San Diego, CA 92122  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099



**"Version With Markings to Show Changes Made"**

In the specification:

Paragraph [0027] , beginning at page 9, line 11, has been amended as follows:

Figure 1 is a schematic describing an exemplary strategy for the noninvasive detection of a BACE (SEQ ID NO:3), as described in detail in Example 1, below.

Paragraph [0097], beginning at page 41, line 19, has been amended as follows:

The reporter was constructed using standard recombinant DNA methodology. A secreted form of alkaline phosphatase (AP) or GFP were used as reporters. These reporters were constructed such that they contained the BACE cleavage site SEVKAMDAEF (SEQ ID NO:3) or SEVNLD AEF (SEQ ID NO:4) followed by the KDEL (SEQ ID NO:1) sequence at the carboxy-terminus. The presence of the KDEL (SEQ ID NO:1) sequence at the carboxyl-terminus on each of these reporters resulted in ER retention of the reporter molecule. When BACE or a BACE-like protease cleaved the SEVKAMDAEF (SEQ ID NO:3) or SEVNLD AEF (SEQ ID NO:4) sequence , the reporter molecule would be free to exit the ER and thus show up extracellularly in the media and could therefore be measured.